

19980621.qrp v01\_n129.qrs.980621

Date: Sun, 21 Jun 1998 19:03:38 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 1129

QRP-L Digest 1129

Topics covered in this issue include:

- 1) [13517] Re: 2N4416 versus PN4416  
by "Hugo W. Catta" <hugo@banet.net>
- 2) [13518] Elmer 101: Part 7, Recieve mixer  
by Michael Maiorana <mikemo@ibm.net>
- 3) [13519] sending signals thur the earth  
by k5gq@juno.com (C M Tyler)
- 4) [13520] Re:Light weight backpacking  
by herr@ridgecrest.ca.us (Michael Herr)
- 5) [13521] repost: The Great Colorado Gold Rush Contest  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 6) [13522] CQC Web Site Update  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 7) [13523] WTB: St. Louis Tuner or ZM-2  
by "Alan Fryer" <n3bj@hotmail.com>
- 8) [13524] W/R HALF SQUARE Up Date  
by jdenison@morelr.com (JOEL DENISON)
- 9) [13525] T-Kit Model 1320 20M QRP TXCR  
by "Richard Kerr" <ka8egs@worldnet.att.net>
- 10) [13526] WTB: 38 Special or similar and Rainbow tuner question  
by CTrautfiel@aol.com
- 11) [13527] Re: 2N4416A vs PN4416  
by "John A. Evans - N0HJ" <jaevalns@codenet.net>
- 12) [13528] info on book by Paul NA5N  
by RangerSF5@aol.com
- 13) [13529] 2N3055 Help  
by Wayne Montague <montaw@tdbank.ca>
- 14) [13530] Wide Band Noise Source  
by David Shalita <af389@lafn.org>
- 15) [13531] Elmer 101 - When do we start the receiver?????  
by tedkell@juno.com (Ted Kell)
- 16) [13532] Fwd: Antennas West  
by Bob Hightower <ki7mn@dancris.com>
- 17) [13533] Some radio stuff & a story like that . . .  
by nilsbull@juno.com (Nils R Young)
- 18) [13534] Re: Bat detector (commercial one)  
by nilsbull@juno.com (Nils R Young)
- 19) [13535] Re: Elmer 101: Part 7, Recieve mixer

- by Michael Maiorana <mikemo@ibm.net>
- 20) [13536] Re: WTB: 38 Special or similar and Rainbow tuner question  
by B11john@aol.com
- 21) [13537] Re: info on book by Paul NA5N  
by Michael Maiorana <mikemo@ibm.net>
- 22) [13538] Re: Elmer 101: Spelling lesson  
by Michael Maiorana <mikemo@ibm.net>
- 23) [13539] Re: Help, HW-8 dead!  
by PHILLIPS RICHARD <phillips@msoe.edu>
- 24) [13540] Re: 2 to 1 balun  
by Richard Brittingham <rbritt@visi.net>
- 25) [13541] Re: Light weight backpacking  
by "Steve Galchutt" <n0tu@webaccess.net>
- 26) [13542] (no subject)  
by RangerSF5@aol.com
- 27) [13543] re:W/R Half Square  
by John Anthony Reynolds <D2250077@infotrade.co.uk>
- 28) [13544] Russian Callsign info (long)  
by John Anthony Reynolds <D2250077@infotrade.co.uk>
- 29) [13545] FS - 38S and WM - 20  
by k5yu@juno.com (harvey n mitchell)
- 30) [13546] lectrokit/tnx  
by bkobie@webtv.net (patrick obrien)
- 31) [13547] 73 mag articles  
by "Harley L. Miller" <hmiller@sound.net>
- 32) [13548] Re: Lightweight backpacking  
by "Earl S. Mead" <k6esmead@pacbell.net>
- 33) [13549] On line interactive experiment  
by "D.K. Philbin" <dphilbin@thegrid.net>
- 34) [13550] Re 2N3055 Assist  
by Wayne Montague <montaw@tdbank.ca>
- 35) [13551] Tins  
by K2UD@aol.com
- 36) [13552] Why not 24 Volts?  
by Steven Weber <kd1jv@moose.ncia.net>
- 37) [13553] White Mountain SSB Radio?  
by "Terry Bassett" <mutabut@net66.com>
- 38) [13554] Re: 73 mag articles  
by hsilver@pyx.net
- 39) [13555] Noise Bridges  
by Jerry ODell <jwodell@mpdr0.detroit.mi.ameritech.net>
- 40) [13556] Re: Tins  
by Mike - W0TMW <crucis@sky.net>
- 41) [13557] Hw 8 mods  
by ac5ez@webtv.net (Larry B)
- 42) [13558] RE: White Mountain SSB Radio?  
by cy r currier <crc3@telplus.net>
- 43) [13559] Re: info on book by Paul NA5N

- by Paul Harden <pharden@aoc.nrao.edu>
- 44) [13560] Re: White Mountain SSB Radio?  
by Dave Sjolin <sjolin@swbell.net>
- 45) [13561] AA1MY in Fullerton, CA area 25th thru 7/5  
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 46) [13562] Tnx fer help on White Mountain Question  
by "Terry Bassett" <mutabut@net66.com>
- 47) [13563] Help with Source for Unitrode 3906  
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 48) [13564] Re: Why not 3V?  
by wb8ygg@juno.com
- 49) [13565] Re: Light weight backpacking  
by wb8ygg@juno.com
- 50) [13566] Re: Why not 3V?  
by Dale Botkin <dbotkin@probe.net>
- 51) [13567] RE: Tins  
by Harry Bump <bump@redrose.net>
- 52) [13568] Input & Output Impedance  
by Adnan Basalamah <adnan@xxx.itb.ac.id>
- 53) [13569] Russian Prefix's Asian  
by John Anthony Reynolds <D2250077@infotrade.co.uk>
- 54) [13570] Proper Float / Charging Voltages  
by Dave Willey <dave@cds1.net>
- 55) [13571] FS--HB--Capacitors  
by Robert Parks <rob3ert@vegas.infi.net>
- 56) [13572] Re: stright key  
by Ab7wy@aol.com
- 57) [13573] Re: Why not 3V?  
by Niel Skousen <skousen@srv.net>
- 58) [13574] QRP Rig Wanted.  
by Keith Martin <bmartin@ccosmo.net>
- 59) [13575] QRP Rig Wanted  
by Keith Martin <bmartin@ccosmo.net>
- 60) [13576] FS  
by Robert Parks <rob3ert@vegas.infi.net>
- 61) [13577] FS items  
by Robert Parks <rob3ert@vegas.infi.net>

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Date: Sat, 20 Jun 1998 19:09:25 -0400  
From: "Hugo W. Catta" <hugo@banet.net>  
To: jaevans@codenet.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [13517] Re: 2N4416 versus PN4416  
Message-ID: <358C4124.358A1080@banet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

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Date: Sat, 20 Jun 1998 19:07:17 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: qrp1 <qrp-1@Lehigh.EDU>  
Subject: [13518] Elmer 101: Part 7, Recieve mixer  
Message-ID: <358C40A5.718D@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Since all the questions from part 6 have stopped, I guess we are ready for part 7. The web site has been updated with all the part 5 and part 6 stuff, along with the quiz answer ;-)  
<http://www.qsl.net/kf4trd>

Here 'ya go.

In the transmit chain we left off without instaling the final amplifier transistor. This was done on purpose. With the final out we don't have to worry about frying the final because we forgot to connect the dummy load. We will install it last before the final calibration.

The reason for building the transmit circuit first was to provide us with a signal source for testing the different sections of the receiver. This should make troubleshooting the receiver easier for those who don't have an RF signal generator.

So, gather the following parts:

T1 IF can (the last one in the kit)  
C1 47 pF  
C47 47 pF  
C101 .1 uF  
D7 1n4148 diode  
D8 1n4148  
D9 1n4148  
D10 1n4148  
RFC3 10uH inductor (brn blk blk) in the "misc" bag of parts  
8 pin socket for U1  
U1 NE612 mixer IC

Install the above components using the same caution as in the previous lessons. CHECK YOUR WORK!

Now we are going to cheat a little. We are going to "borrow" some signal from the output of the transmit mixer so that we can get a nice strong signal for the receive sections.

Two TEMPORARY jumpers are needed for this. I used two of the trimmed

leads from one of the capacitors that I just installed. Solder them lightly, as they will need to be removed later. I soldered mine on the top of the board. All references are looking at the front of the board, with T1 in the lower left hand corner. Connect the first jumper from J1 between pins 2 and 3 (Those are the top two). The second jumper is from the base hole for Q6 (left most hole) and the top hole for C36. Remember that all references to "top" and "left" are with you looking at the top of the board with T1 at the lower left hand corner. (I wish I had a digital camera ;-)

What these jumpers do is bypass Q6 (which is not installed yet) and bypass the RF Gain potentiometer. This feeds the transmit signal from the base of Q6 into the input of T1.

Set T1 to mid range. This will be tweaked later.

Turn on the rig and check for smoke ;-). None? Good.

Ok, put your RF volt meter or o-scope on pin 5 of U1. An easy place to measure this is at the top pad of C11. The o-scope users will see a little (millivolt) signal leaking through from the VFO. Key up the rig. You should see RF at pin 5. O-scope users should see a complex waveform at pin 5. Mine was several volts peak to peak. This waveform should look similar to the one we saw at the output of U5, the transmit mixer, before the bandpass filter.

Here is a little theory.

>From the antenna the receive signal first passes through the first bandpass filter consisting of L3, L4, C37-39 (not installed). This cleans up the transmitted signal during transmitting and preselects the 7Mhz band during receive. The signal is coupled through C40 to the four diodes whos function is to limit the signal reaching the receiver by clamping it to ground if it is over 1.4 volts. The only time that it will reach that level should be during transmit. The signal from the transmit that reaches the receiver provides sidetone during key down.

The RF gain pot (not installed) is used to reduce the RF from the antenna while receiving a strong signal. The connection of this part is a little unusual and it took me a while to figure it out. In other instances where control of a signal is required, you see the signal injected into the "top" of the pot, the bottom of the pot grounded, and the output signal taken from the wiper. The problem with this setup is that as the wiper position is changed the output impedance is changed also. In Daves configuration the impedance is relatively steady across the wiper positions. This is important as changes in this impedance will effect the resonant circuit of T1.

T1, which is set to resonance at the receive frequency, couples the RF into U1. Here it is mixed with the VFO signal and is available at pin 5.

This signal will contain two major components and several minor components. The major components are RF+VFO and RF-VFO. At 7 Mhz with a 3 Mhz VFO, there will be 10 Mhz and 4 Mhz. The 4 Mhz is the one that we are interested in as it is our IF frequency. All these unwanted "nasties" will be removed by the next section (part 8) the crystal filter. More detailed info on the mixer can be found in part 5, the transmit mixer.

Remember that our transmit mixer oscillator (Y5) was "pulled" lower in frequency by RFC2 and C29. This gives us the proper offset for receiving on the proper side of the signal. At a receive frequency of 7.040 Mhz the VFO will be at 3.040 Mhz and the transmit frequency should be about 800Hz lower, or 7.0392

Ok, have at it. Please post any questions to the list so we can discuss them.

I have 2 questions right off the bat.

- 1) What is the purpose of RFC3?
- 2) Why is pin 2 of U1 fed from the center tap of T1 instead of from the top of T1?

--

72 de ku4qo  
Mike Maiorana  
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

-----  
Date: Sat, 20 Jun 1998 15:22:17 -0700  
From: k5gq@juno.com (C M Tyler)  
To: qrp-l@Lehigh.EDU  
Subject: [13519] sending signals thur the earth  
Message-ID: <19980620.182718.24134.2.k5gq@juno.com>

I did not consider subscribing Popular Electronics after finding out many of the circuit diagrams required much tinkering. (This was in the 60's, and I was in high school at the time.)

May be someone else can help him.

Mark Tyler  
K5GQ/m Houston TX  
QRP-L 794                      ARRL VE since 85

----- Begin forwarded message -----

From: Terry Tallman <tandt@townsqr.com>

To: antennas@qth.net

Subject:

Date: Sat, 20 Jun 1998 14:26:59 -0500

Message-ID: <B0003483970@www.townsqr.com>

WANTED photocopy of article that appeared in Popular Electronics Magazine quite a few years ago concerning sending signals "thru the earth" c.w. and audio used a transformer and a simple circuit i believe it was in the 1950s  
thxs terry NOWJH

-----

Submissions: antennas@qth.net

----- End forwarded message -----

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Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

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Date: Sat, 20 Jun 1998 16:47:02 -0700 (PDT)  
From: herr@ridgecrest.ca.us (Michael Herr)  
To: qrp-l@Lehigh.EDU, jparker@fix.net  
Subject: [13520] Re:Light weight backpacking  
Message-ID: <v01530500b1b2e5ab3634@[208.138.142.16]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>I would like to start a thread on light weight  
>backpacking.  
>  
>I have the following questions for those who backpack.

Jerry,

I have done some QRP backpacking and have completely enjoyed it. So, here are some comments...

>



>What are you carrying for gear?

I have used a variety of rigs over the year but have settled in on the NorCal 40. Nice little rig, but after seeing what Cam N6GA did with his super optimised SST20, it's got me a thinking...

>

>Have you done or considered optimizing your station for  
>minimum weight?

I try to make everything do as much double duty as possible. ie, I use the same batteries for NorCal 40 as HT as flashlight as GPS as ... I use use RG-174, Whiterook keys, ear bud phones.

>

>Does anyone out there carry a rig without a cabinet in  
>bubblepack for instance?

Nope, not me. I like a degree of ruggedness

>

>How about weight vs batteries?

I have found using a pack of 9 AA cells works well for a weekend, need to bring replacements for longer times.

>

>Solar?

Not yet, haven't seen a good panel at the size/capability/ruggedness/cost that I wanted. Would be good tho for a long trip and maybe with SSB or a cam corder along.

>

>Feed line?

I use RG-174 feeding a dipole on 40. Tried ling wires and RG-58 but so far have found the RG-174 + dipole to be the right weight / performance match for me.

>

>Tuner vs no tuner?

Nope, no tuner

>

>Band?

I like 40, plain and simple. have used 30 and that's ok as well. 20 would be fun but a tad more finiky (sp?) that for my casual tastes. 80 requires too much wire!

>

>Antenna?

The dipole

>

>And of course, what kind of back packing do you do with  
>your station. Day packing, overnights, long term?

I have done all three, ie day hikes, one and two nights as well as week long ones. Both backpacking and canoe work.

>

>

>Thanks and 72,,,Jerry...WA6OWR...K

Thank you

72

Mike WA6ARA

-----  
Date: Sat, 20 Jun 1998 18:42:46 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@Lehigh.EDU, cqclist@mtechnologies.com  
Subject: [13521] repost: The Great Colorado Gold Rush Contest  
Message-ID: <199806210040.SAA10695@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The Great Colorado Gold Rush

The Snowshoe Run was so much fun we're going to do a summer verison. The Great Colorado Gold Rush will take place on Sunday, July 19th, 1998 (the day after our picnic meeting).

The Great Colorado Gold Rush  
(a.k.a. Fire In The Hole)

Sponsored by the Colorado QRP Club

It was Colorado, 1859. A land swindler had just published the first issue of the Rocky Mountain News in the settlement that would become Denver. A year earlier, small placer gold deposits were found in that old settlement, near the confluence of the South Platte River and Cherry Creek. And then came the big gold strikes! George Jackson discovered gold in Chicago Creek near Idaho Springs. John Gregory made his famous gold strike not far away, in Clear Creek Canyon. Prospectors dreaming of riches poured into the new gold camps of Central City, Black Hawk, Boulder, Colorado City, Gold Hill, Hamilton, Tarryall, and Pueblo. The fever ran high. The Great Colorado Gold Rush had begun!

Not even a century and a half later, the rush is on again. This time it's the rush to work all states, to join the ranks of DXCC, the desire to sound like a kilowatt but driven only by milliwatts - truly to rush to achieve the impossible.

In honor of our state's colorful history and exciting future, the Colorado QRP Club proudly announces The Great Colorado Gold Rush. This will be a QRP amateur radio contest of unparalleled magnitude, of incredible dimensions, of such unbelievable proportions that---well, it's really just a summer

sprint. Two fast hours of heavy hitting. Do your best. Have fun, and good luck in the contest.

When: Sunday, July 19, 1998

Time: 2000-2200 UTC

Band: 20 meters only

Mode: CW only

Power: 5W maximum

Classes: W -- WIRE: single element wire; including dipoles, random wires, Zepp, doublets, inverted V, slopers, single element loops, inverted L, etc.

V -- VERTICAL: verticals; including single element, ground plane, trapped vertical, or anything with vertical polarization and more or less omnidirectional pattern.

B -- BEAM: multi-element arrays/beams; including beams, multi-element loops, phased verticals, V-beam, rhombic, etc.

P -- PORTABLE: non-mobile temporary field station; may use any type of antenna.

If you are not sure about your antenna class, send us a description ASAP (via E-mail to [n1fn@ntechnologies.com](mailto:n1fn@ntechnologies.com) or [jmedley@ix.netcom.com](mailto:jmedley@ix.netcom.com)).

Operations may be conducted with different antennas provided all antennas are in the same class.

Exchange: RST + SPC + Class + CQC Member # or Pwr Out

Example: 559 C0 V 345 -or- 559 CT P 5W

Multiple contacts: the same station may be worked up to three times during the contest, provided a minimum of 30 minutes has elapsed since the last QSO with the same station.

Scoring: 3 points for first contact with a station.  
2 points for second contact with the same station.

1 point for third contact with the same station.

Multipliers: all multipliers count once over all. Multipliers are SPC's and CQC members worked.

Final Score: QSO Points x SPC x CQC Members = Total Score

Logs: Submit logs showing time, callsign, exchange and QSO points for each station worked, show totals of multiplier points. Example:

		Time Pts	Call	SPC	Ant	Mem#/Pwr
2005	W0CQC	CO	V	132		3
2012	N1FN	CT	W	151		3
2036	W0CQC	CO	V	132		2
2037	KA8OM	MI	P	5W		3
2115	W0CQC	CO	V	132		1
			Etc.			
Totals		3		2		12 etc.

Dupes: W0CQC - 2005 2036 2115  
SPC: CO CT MI  
CQC#: 132 151

Please include an alphabetical dupe sheet showing times and calls of multiple contact stations, SPC's and CQC Member numbers. Also include a description of your equipment, antenna(s) used, and power output. All submissions must indicate entry class and your mailing address including e-mail address if available.

Deadline: Logs must be postmarked or emailed no later than 30 days post contest. Logs received after this deadline will be used as check logs only.

Mail: CQC Gold Rush  
c/o Jan Medley, N0QT  
5770 Niagara St.  
Commerce City CO 80022-4030

E-mail: jmedley@ix.netcom.com  
(all E-mail submissions in ASCII format only)

CQC will post a list of received logs on its web site at:  
<http://www.mtechnologies.com/cqc>

Awards: Awards will be given for the highest score in each class and the highest score in each state.

-----  
Date: Sat, 20 Jun 1998 18:45:28 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@Lehigh.EDU, cqclist@mtechnologies.com  
Subject: [13522] CQC Web Site Update  
Message-ID: <199806210043.SAA10775@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The following information has been posted to the CQC web site at  
<http://www.mtechnologies.com/cqc>.

1. Next (Picnic) Meeting details:  
<http://www.mtechnologies.com/cqc/events>
2. Field Day info: <http://www.mtechnologies.com/cqc/cqcbb.htm>
3. Great Colorado Gold Rush (contest) information:  
<http://www.mtechnologies.com/cqc/cqcbb.htm>

If anybody needs information on any of these via email, just drop me a note.

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
(303)752-3382  
--

-----  
Date: Sat, 20 Jun 1998 17:46:27 PDT  
From: "Alan Fryer" <n3bj@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [13523] WTB: St. Louis Tuner or ZM-2  
Message-ID: <19980621004627.7285.qmail@hotmail.com>

Content-Type: text/plain

Want to buy: St.Louis tuner or ZM-2 in kit or assembled state. Need for cross country trip and QRV from rest stops.

If you have one that is surplus to your needs, please let me know.

Alan, N3BJ  
Bent Mountain, VA

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Sat, 20 Jun 1998 20:56:25 -0500 (CDT)  
From: jdenison@morelr.com (JOEL DENISON)  
To: qrp-1@Lehigh.EDU  
Subject: [13524] W/R HALF SQUARE Up Date  
Message-ID: <199806210156.UAA24494@ns1.morelr.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi gang:

Felt real good today and grabbed the rod and reel and tacked the half square again... got three elements with .1 and .2 spacing .... Facing Europe...

at 0120Z heard bulgaria (s6) and germany (s9) in the extra portion... I can't xmit there...

Thirty was quiet.... only one half square on thirty...

I had to put a rope in one tree to get the ropes tight and a couple of more ropes off to the side to pull the elements out far enough... I miss my "antenna" tree... :-)

Anyone know how to get the word across the pond to the g-qrp group??? I would like to do some europe cw if I can... 40 meters may be a winter time operation... lots of static...

well I'll give it a week or so... If things don't pick up, I can go back to the yagi... me and verticals don't seem to get along too well... time for this to change, I hope...

HEY EUROPE... A DISPLACED CAJUN IS CALLING...

joel wa5cvm, in maine, north of dixie and vertically inclined...

God Bless  
Joel

WA5CVM

Gentlemen don't Cry, They QSY :-)

Joel Denison  
PO BOX 542  
Strong, Maine 04983  
jdenison@morelr.com

Gentle Lady (RC Sail Plane)(049 engine - start)  
2 element yagi on 40mtr  
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765  
AK/QRP 109

-----  
Date: Sat, 20 Jun 1998 22:00:11 -0400  
From: "Richard Kerr" <ka8egs@worldnet.att.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [13525] T-Kit Model 1320 20M QRP TXCR  
Message-ID: <01bd9cb8\$52f8e240\$a6ca430c@default>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_0018\_01BD9C96.CBE74240"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0018\_01BD9C96.CBE74240  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Has anybody built or know of any mods to this radio?  
Are there any reviews on this radio ?

Thank You,  
Rick Kerr  
KA8EGS

-----=\_NextPart\_000\_0018\_01BD9C96.CBE74240  
Content-Type: text/html;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">  
<HTML>  
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =  
http-equiv=3DContent-Type>  
<META content=3D'"MSHTML 4.71.2110.0"' name=3DGENERATOR>  
</HEAD>  
<BODY bgColor=3D#ffffff>  
<DIV><FONT color=3D#000000 size=3D2>Has anybody built or know of any =

mods to this=20  
radio?</FONT></DIV>  
<DIV><FONT color=3D#000000 size=3D2>Are there any reviews on this radio=20  
?</FONT></DIV>  
<DIV><FONT color=3D#000000 size=3D2></FONT>&nbsp;</DIV>  
<DIV><FONT color=3D#000000 size=3D2>Thank You,</FONT></DIV>  
<DIV><FONT color=3D#000000 size=3D2>Rick Kerr</FONT></DIV>  
<DIV><FONT color=3D#000000 size=3D2>KA8EGS</FONT></DIV>  
<DIV><FONT color=3D#000000 size=3D2></FONT>&nbsp;</DIV></BODY></HTML>

-----=\_NextPart\_000\_0018\_01BD9C96.CBE74240--

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Date: Sat, 20 Jun 1998 22:13:15 EDT  
From: CTrautfiel@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [13526] WTB: 38 Special or similar and Rainbow tuner question  
Message-ID: <77be6a3.358c6c3c@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Hi Everybody;

I am a new subscriber to this service and to qrp in general. Have an HW-8 that I am getting acquainted with. Would like to buy a small single band rig on 30 or 40 meters to go portabe with. It can be built, unbuilt, with or without a cabinet, it matters not. Dont need a keyer either. Would like about 3 watts or greater. Missed a 38 special posted here recently. Was too late. I recently built a rainbow tuner though have not tried it yet. Any suggestions for a preferred antenna configuration to be used with this tuner? What is a ZM-2? Saw it reffered to in string about backpacking here. Thanks everybody!

Curt

-----  
  
Date: Sat, 20 Jun 1998 20:22:12 -0600  
From: "John A. Evans - N0HJ" <jaevans@codenet.net>  
To: qrp-l@Lehigh.EDU  
Subject: [13527] Re: 2N4416A vs PN4416  
Message-ID: <3.0.5.32.19980620202212.007e5960@mail.codenet.net>  
Mime-Version: 1.0



Date: Sat, 20 Jun 1998 22:23:17 -0400  
From: Wayne Montague <montaw@tdbank.ca>

To: qrp-1@Lehigh.EDU  
Subject: [13529] 2N3055 Help  
Message-ID: <358C6E95.49FE@tdbank.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Folks -

I need some tech help. Is there such a thing as a 2N3055 FET/BIPOLAR variant? Essentially a 2N3055 with an IGFET driver such that the base is insulated?

One of the pass transistors in my 7A Pyramid shorted. The transistor case says something like 'MOSTEK' 2N3055. I'm reluctant to replace it with the usual 2N3055.

I think once I ran across some literature on this some years ago.

Anyone heard of this 2N3055 'variant'?

Thanks

Wayne  
VE3EFJ

-----  
Date: Sat, 20 Jun 1998 13:41:44 -0700  
From: David Shalita <af389@lafn.org>  
To: "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>  
Cc: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [13530] Wide Band Noise Source  
Message-ID: <358C1E88.297A9A03@lafn.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I wonder if I can get some circuit assistance with a HomeBrew low cost Wide Band Noise Source I am trying to build with not very good results.

Noisecom.com prices for noise generators and components are a little too expensive causing me to try a design of my own. Could it be that the task is so complex it is best to buy a

Noisecom diode source and add my own MMIC amplifiers? Suggestions are welcomed.

Need 5 mhz to 1000 mhz, 50 ohm Zout.  
Are several noise generators are needed for full range?  
This is a homebrew task to use with my Poor Man's Spectrum Analyser.

First attempts to feed 6v zener diode from +12v, limited to 2 to 5 ma, AC coupled directly into UPC 1651 MMIC, caused MMIC to oscillate 400 to 800 mhz rather than produce noise. Zener mode does not look like 50 ohm source to MMIC input. Not sure if layout difficulties or not 50 ohms source is causing oscillation? UPC1651 MMIC seems touchy regarding layout. Are there MMIC's that are more tolerate of poor layout while remaining stable?

More questions:

What common transistors or diodes are best for noise source?

What is a good interfacce circuit to feed Zener operated as noise source into an MMIC (MAR11 or ?) to increase power of noise signal?

Which MMIC's are best for this ckt, i.e. are most stable with poor layout.

Are there web sites with some examples or HOW\_TO info?

Thanks for any hints,

73, W6MIK

--

David Shalita (Dave)  
af389@lafn.org  
Van Nuys, CA

-----  
Date: Fri, 19 Jun 1998 19:27:23 CDT  
From: tedkell@juno.com (Ted Kell)  
To: mikemo@ibm.net, qrp-l@Lehigh.EDU  
Subject: [13531] Elmer 101 - When do we start the receiver?????  
Message-ID: <19980620.215639.17070.0.tedkell@juno.com>

I guess that about says it. I hope I didn't miss those messages.

Ted Kell  
KC5CUW  
Near the Johnson Space Center  
Houston, Texas  
<tedkell@juno.com> -or- <tkell@nyx.net>

-----  
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Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 20 Jun 1998 20:11:10 +0000  
From: Bob Hightower <ki7mn@dancris.com>  
To: qrp-1@Lehigh.EDU  
Subject: [13532] Fwd: Antennas West  
Message-ID: <199806210256.TAA14939@user2.dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Here is the reply I received from Paul, at Radio Paul:

>To: KI7MN@dancris.com  
>Date: Sat, 20 Jun 1998 17:28:04 -0700  
>Subject: Antennas West  
>X-Mailer: Juno 1.49  
>From: radiopaul@juno.com (Paul A Passey)  
>  
>Anyone know what happened to Antennas West? Their 800 number and regular  
>number are disconnected, and their e-mail bounces. Maybe I missed an  
>announcement that they had gone out of business?  
>Bob Hightower KI7MN <http://www.dancris.com/~ki7mn>  
>  
>Bob,  
>  
>Antennas West closed their doors last February 7th. Jim, the owner,  
>asked me (Radio Paul) to take over the construction of the G5RV's,  
>TNT's, and Half squares, which I have done. Pico J's and Tigar tails are  
>being manufactured by "Arrow Antennas" and the more unconventional  
>antennas are being manufactured by "Antennas and More"  
>  
>Radio Paul has been in business since August 1992 selling Antennas West,  
>Lakeview, Arrow Antenna, and Smiley antennas at Ham Radio Swap Meets  
>throughout New Mexico, Arizona, Colorado, and Texas.  
>

>Along with the antennas I now manufacture, I carry coax, twinlead,  
>connectors, insulators, Ham sticks, assorted mounts, mobil antennas,  
>Dacron and the like.  
>  
>The 800 number I had assigned to me but it quit about 4 days ago. I'm  
>checking into the confusion to see whats going on. I will be ready to  
>take credit cards this week and a web sight is well on the way. In the  
>extreme near future, you should be able to do a search on "Antennas West"  
>and my sight will come up.  
>  
>My company name is Radio Paul since that is what I have been for the last  
>six plus years. However, the Antennas West name will remain with the  
>wire antennas because they are well known and I build them exactly the  
>way Jim did using the same equipment.  
>  
>Let me know how I can serve and thanks for your interest in the Antennas  
>West product line.  
>  
>Paul - WR7J  
>Radio Paul  
>10521 Espira Ct NW  
>Albuquerque, NM 87114  
>  
>-----  
>You don't need to buy Internet access to use free Internet e-mail.  
>Get completely free e-mail from Juno at <http://www.juno.com>  
>Or call Juno at (800) 654-JUNO [654-5866]  
>  
Bob Hightower KI7MN <http://www.dancris.com/~ki7mn>

-----  
Date: Sat, 20 Jun 1998 22:04:58 -0500  
From: nilsbull@juno.com (Nils R Young)  
To: QRP-L@Lehigh.EDU  
Subject: [13533] Some radio stuff & a story like that . . .  
Message-ID: <19980620.220605.9494.0.nilsbull@juno.com>

Gang,

I went down to Roger's today and got a new mouse for the Compaq Presario which Cindy got some time back and which has now gone through two mice and a hard drive. The cheap-butt mouse from Roger's house of electronic surplus is a little short on the hose end, but it's probably better 'n the Compaq one, since I already have one of Roger's mices on my laptop. Which is another story.

But the reason I need the mouse is 'cause my radio needs ain't what they used to be when I was 12 listening to Fidel make speeches and Radio Belgium's shortwave broadcast that still was enamoured with US service men having fixed the place up a bit after Hitler's idiots got through with it.

Today I can turn on my computer and listen to the furrin' languages that I used to try and hear on my Hallicrafters S38E. I mean, that's what all this electronic hooah is about. At least at my end of the ward. I first got into radio 'cause I was interested in languages and linguistics and I couldn't find anyone who spoke Hindi or Tamil back in 1958 when I was 12. And if I wanted to hear Norwegian or Indonesian, I was SOL. So I whined and whimpered and grovelled and meowed and moaned and pleaded and bitched and wailed until Dad bought the S38E. For \$75.71. Which was a chunk of cash in 1958.

But last week I discovered that all that radio stuff is, for want of better terms, a bit over the ledge. All I have to do is hose the computer up to the phone line and type in a URL and immediately upon downloading, I can hear any language from Indonesian to Hausa. In full digital clarity.

So I had to get a new mouse.

Then I went to the bookstore and picked up the Indonesian book that I'd ordered and on the way out looked at some poetry stuff. One book was something like "Poetry for the Millenium: Postmodernist [blah blah blah]" from UC Press. I picked it up, looked at the typography and the paper. I looked through the list of poets and didn't see Charles Bukowski. Some moron in an office in California doesn't think Bukowski belongs with Ginsberg or Joyce or e.e. cummings. Hard to kill, I guess.

So I had a new mouse and then I bought "Bone Palace Ballet" and "Shakespeare Never Did This," two Bukowski books that I don't have. And a copy of "Below the Belt Manager," which I'm gonna share with my coworkers 'cause it's about the morons in charge. Which explains why I don't have university email account to use the new mouse on.

Now, I have only one problem: what should I do with all these damn world-band radios that I've got around here? Like I need maybe one. And for ham radio? Well, that's another run of questions, ain't it? Rhetorical ones, even. Hand set type. CW. Straight keys. Solder that ain't got lead in it. Bukowski's not in an anthology. Hmmm . . .

At least I got a couple books of poems that make sense. And a new mouse.

. . . ask me about hand-setting 13 poems for later this summer.  
directly, even.

-----

Nils R. Bull Young  
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch  
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com  
<http://www.geocities.com/Athens/Olympus/9172>

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 20 Jun 1998 22:05:59 -0500  
From: nilsbull@juno.com (Nils R Young)  
To: w7ls@blarg.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [13534] Re: Bat detector (commercial one)  
Message-ID: <19980620.220605.9494.1.nilsbull@juno.com>

Gang,

Jim said that when the bugs get closer to the bats (they volunteer to be food, see, 'cause we all know that animals are inherently gentle beasts and that humans use them mercilessly, at least according to the weltanschauung of PETA) that the bat's welcoming pulses get closer together, sounding, as Jim says "like a "braaaaaaap!"

Jim is nearly correct. Actually, the bat's make the famous bat socialization cue known as the "Beavis Welcomes You to Dinner Greeting," which sounds like "braaaaaaap-pa-pa-pa-PA!"

And the English bat detector is really a cool instrument. One of the faculty/research people in the psych department uses the device to track stress-related vocalizations of tiny new-born mammals in lab work involving isolation & feeding. Of course, none of the little beasts are harmed, other than gettin' a little hungry and worrying about the location of parental units, which keeps the PETA people from having to divert attention from the radicalization of Bambi-like forestations.

And, in addition, no animals were harmed during the typing and transmission of this message. Except for the wasp that I sprayed with bleach the other day, which was not associated with this posting except in the most distant phenomenological manner, which is another story, but

not one about cheese otters or rabbit venom, of which I have recently partaken.

73

Nils

P.S.: Remember, you only have about 10 days to send your \$30 to "Bob" before the X-listed aliens (whose names we do not know and probably couldn't pronounce even if we did) come again to this tiny blue planet of the clocks and turn the entire shindig into a global republic of insects & grass. And give Bambi a couple assault rifles and an enrollment in a local elementary school.

-----  
Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch

WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com

<http://www.geocities.com/Athens/Olympus/9172>

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sat, 20 Jun 1998 23:04:03 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: Mac Steinmeyer <macstein@cftnet.com>  
Cc: qrp1 <qrp-1@Lehigh.EDU>  
Subject: [13535] Re: Elmer 101: Part 7, Recieve mixer  
Message-ID: <358C7823.FDA@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mac Steinmeyer wrote:

> >The web site has been updated with all the part 5 and part 6  
> >stuff, along with the quiz answer ;-)  
> ><http://www.qsl.net/kf4trd>  
>  
> Humm, did I check too early? I still get part 4 and the TX waveforms, but  
> no part 5 and 6. It's Saturday 6/20, 9:30 pm EDT.

There appear to be problems with qsl.net. I have not been able to upload the new web stuff. As soon as I get connected I'll shoot it up there. If I don't get it resolved soon I'll post the page to an alternate location.



Sri

--

72 de ku4qo

Mike Maiorana

Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

-----  
Date: Sat, 20 Jun 1998 23:15:21 EDT

From: Billjohn@aol.com

To: CTrautfiel@aol.com, qrp-1@Lehigh.EDU

Subject: [13536] Re: WTB: 38 Special or similar and Rainbow tuner question

Message-ID: <773bdfcd.358c7acb@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Curt,

I am using a Rainbow tuner with my 38S and it finds a match at 47 ft. (1/2 wave) radiator and 1/4 wave ground stub. I will be using a similar set-up on 40. There are other set-ups as outlined in the manual...

Good luck.

Bill

K9YEQ

-----  
Date: Sat, 20 Jun 1998 23:27:03 -0400

From: Michael Maiorana <mikemo@ibm.net>

To: RangerSF5@aol.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [13537] Re: info on book by Paul NA5N

Message-ID: <358C7D87.6D20@ibm.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

RangerSF5@aol.com wrote:

>

> Hi Gang,

> Anyone know where I can pick up a book that was written up by Paul, NA5N?

> The name was\*Data book for homebrewers and QRPer's.  
> I under stand there is a four part series writen up on the MFJ rigs in the  
> book  
> The cost is \$20.00 and I have tried all over the web but found nothing on that  
> book

Try <http://www.qsl.net/kf4trd/prereq.html>

--

72 de ku4qo  
Mike Maiorana  
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

-----

Date: Sat, 20 Jun 1998 23:33:21 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [13538] Re: Elmer 101: Spelling lesson  
Message-ID: <358C7F01.3E70@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ok, ok, I know I spelled 'receive' wrong in the title of the last email.  
Please forward all spelling and typographical errors to /dev/null (trash  
can)

--

72 de ku4qo  
Mike Maiorana  
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

-----

Date: Sat, 20 Jun 1998 23:10:49 -0500 (CDT)  
From: PHILLIPS RICHARD <phillips@msoe.edu>  
To: David Feldman <dgif@netcom.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [13539] Re: Help, HW-8 dead!  
Message-ID: <Pine.OSF.3.96.980620230753.24803A-100000@torres.msoe.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The absolute best way to guard against reverse polarity is to use a bridge rectifier in series with the dc input terminals. That way it doesn't matter even if you do reverse polarity. The diodes will steer it in the right direction. You could even use ac.

Richard Phillips  
Lab Technician  
Milwaukee School of Engineering  
414-277-7388, phillips@msoe.edu

-----  
Date: Sun, 21 Jun 1998 00:57:33 -0400 (EDT)  
From: Richard Brittingham <rbritt@visi.net>  
To: Larry B <ac5ez@webtv.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [13540] Re: 2 to 1 balun  
Message-ID: <Pine.GS0.3.96.980621005657.21618B-1000000@ankara.visi.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

www.radioworks.com may have one. The make ones for 3 to 1 and 4 to one....

73

-----  
Amateur Radio Operator as WD4AEF for 22 years  
Now Vanity Call is W4MCD

-----  
Date: Sat, 20 Jun 1998 23:07:54 -0600  
From: "Steve Galchutt" <n0tu@webaccess.net>  
To: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>  
Subject: [13541] Re: Light weight backpacking  
Message-ID: <013501bd9cd2\$d583ece0\$96a8a3cc@SG2939M.webaccess.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Lightweight backpacking is an 'Oxymoron'. My pack never seems lightweight enough. It's always too heavy. No matter how much I cut back on the luxuries I seem to bring to much in the way of ham gear. But it's worth it when I get there. Because you never have enough cables, wire, tuners, or fishing wieghts ...oh yes, did I say batteries...batteries ( I say that chant because I forgot them ONCE)

My favorite setup at present is my SST/20m, which is really a tiny lil' rig but sure has a big rig's performance. Add a 1.5Ah gelcell, several lengths of wire, a home brew ZM-2 ATU and my Vibroplex Original. (sorry, forget the bug!) Whitrock paddles or my norcal paddles...there I go again adding on the pounds!

No solar BP yet...but car camping yes ...I have a small rigid 10w panel (to heavy to BP) I use to charge a wet cell.

Band - I prefer 40 or 20...always someone on 40m

Antenna - anything I can try... based on the available supports..... dipole, loop, 1/2 wave end fed use 300 ohm TL and a tuner.

I can't wait to take my recently built Sierra on a overnight adventure as soon as time permits! But some of my most fun times have been with very simple rigs like my 49er and my Rainbow tunner ....a nice little combo ...a bit more challanging to make a QSO with but it can be done..GL  
72...Steve

-----  
n0tu - solar powered QRP & wire antennas @ 7,200' ASL  
Monument,Colorado - Grid Sq DM79nb  
homepage: <http://www.webaccess.net/~S&P/HRindex.htm>  
email: n0tu@webaccess.net  
>

-----  
Date: Sun, 21 Jun 1998 01:31:10 EDT  
From: RangerSF5@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [13542] (no subject)  
Message-ID: <9fef154a.358c9a9f@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Just want to say thank you to Bruce--VE5RC

MIKE--K4UGO  
BOB--K6RKB  
PAT--VE6AAN  
Richard Philips, Milwaukee School

of Engineering

For all the help, information, URL's and more in regards to the QRP book  
Ham's Helping Ham's  
Bob  
WA2HOQ

-----  
Date: Sun, 21 Jun 1998 08:34:04 +0100  
From: John Anthony Reynolds <D2250077@infotrade.co.uk>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [13543] re:W/R Half Square  
Message-ID: <01BD9CEF.84626680@usr439.infotrade.co.uk>

Hi Joel and Guy's  
I am hearing a lot of USA stations most mornings (0500 - 0630)UTC between  
7.029 to 7.041.  
I often put out CQ de QRP on 7.040 but no takers yet, and I monitor 7.030  
most of the day.  
There is a lot of QRP activity here in Europe, but a growing number of QRO  
op's, particularly from DL are using the 7.030 Frequency and it sure is  
making it a bit of a problem hearing any QRP stations, but we soldier on.

72 es 73 de John Reynolds G3PT0  
G QRP Club No. 595  
Chipping Sodbury, South Gloucestershire  
reply email: g3pto@qsl.net  
Web Page: <http://www.qsl.net/g3pto/index.html>

-----  
Date: Sun, 21 Jun 1998 08:33:55 +0100  
From: John Anthony Reynolds <D2250077@infotrade.co.uk>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [13544] Russian Callsign info (long)  
Message-ID: <01BD9CEF.81922F80@usr439.infotrade.co.uk>

Hi Guy's,  
In response to recent queries  
Here is a list of Russian Prefix's and there relationship to their locations

If there is sufficient interest I can post the Asian list

BLOCK	OBLAST
1A,1B	ST. PETERSBURG
1C,1D	LENINGRAD OBL
1N	KARELIA REP
1O	ARCHANGEL OBL.
1P	NENET AO
1Q	VOLOGOD OBL.
1T	NOVGOROD OBL.
1W	PSKOV OBL.
1Z	MURMANSK OBL.
2F	KALININGRAD OBL.
3A,3B	MOSCOW
3D,3F	MOSCOW OBL
3E	ORLOV OBL
3G	LIPETSK OBL
3I	TVERSK OBL
3L	SMOLENSK OBL
3M	YAROSLAV OBL
3N	KOSTPOMSK OBL
3P	TULSA OBL
3Q	VORONEVSK OBL
3R	TAMBOV OBL
3S	RJAZANSK OBL.
3T	NIVZEGOROD OBL.
3U	IVANOVSK OBL.
3V	VLADIMIRSK OBL.
3W	KURSK OBL.
3X	KALUVZSK OBL
3Y	BRJANSK OBL.
3Z	BELGOROD OBL
4A	VOLOGRAD OBL
4C	SARATOV OBL
4F	PENZENSK OBL
4H	SAMARSK OBL
4L	ULJANOVSK OBL
4N	KIROVSK OBL
4P	TATARSTAN REP
4S	MARIY - EL REP
4U	MORDOVSK REP
4W	UDMURTIJA REP
4Y	CHUVASHIJA REP

6A,6B KRSNODAR  
6E KARACHAROV0 - CHERESSIJA REP  
6H,6F STAVROPOL  
6I KALMYK REP  
6J SEVERNAJA OSETIJA REP  
6L,6M ROSTOV REP  
6P CHECHEN REP  
6U ASTRACHANSK OBL  
6W DAGESTAN REP  
6X KABARDINO - BALKARIJA REP  
6Y ADYGEJA REP  
  
8T UST - ORDYNSK AO  
8V AGINSKY BURJAT AO

72 es 73 de John Reynolds G3PT0  
G QRP Club No. 595  
Chipping Sodbury, South Gloucestershire  
reply email: g3pto@qsl.net  
Web Page: <http://www.qsl.net/g3pto/index.html>

-----  
Date: Sun, 21 Jun 1998 08:40:44 -0500  
From: k5yu@juno.com (harvey n mitchell)  
To: qrp-1@Lehigh.EDU  
Subject: [13545] FS - 38S and WM - 20  
Message-ID: <19980621.084045.3518.4.k5yu@juno.com>

For Sale: 38 Special with keyer, RIT, and 5 watt mods in Ten-Tec box.  
\$38.00 shipped CONUS.

Also..... White Mountain - 20 20 meter SSB transceiver with audio  
frequency counter,  
\$120.00 shipped CONUS.

Thanks,

Harvey Mitchell, K5YU  
k5yu@juno.com

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 21 Jun 1998 09:24:31 -0500  
From: bkobie@webtv.net (patrick obrien)  
To: qrp-l@Lehigh.EDU  
Subject: [13546] lectrokit/tnx  
Message-ID: <199806211424.HAA12256@mailtod-132.iap.bryant.webtv.net>  
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII  
Content-Transfer-Encoding: 7BIT  
MIME-Version: 1.0 (WebTV)

tnx for all the replies ref lecktrokkit  
for those who want the address of the company send me a email msg i will  
supply the address..im not affiliated at all with the company.  
DOES ANYONE HAVE ONE FOR SALE FOR 80 OR 40 MTRS? PREFERABLY 5 WATT  
VERSION..73 PAT/K8LEN

-----  
Date: Sun, 21 Jun 1998 10:14:35 -0500  
From: "Harley L. Miller" <hmliller@sound.net>  
To: qrp-l@Lehigh.EDU  
Subject: [13547] 73 mag articles  
Message-ID: <358D235B.3920@sound.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A few months ago, some kind soul on the list provided me with copies of  
the 73 magazine articles for building capacitor and inductor meters,  
using IC chips. These copies were lost in a house fire before I could  
get them built. I would gladly pay for copy and mailing costs if someone  
would help me out on this.

Harley L. Miller      hmliller@sound.net  
WB0ROQ      QRP-L #373

-----  
Date: Sun, 21 Jun 1998 08:20:22 -0700  
From: "Earl S. Mead" <k6esmead@pacbell.net>



To: qrp-1@Lehigh.EDU  
Subject: [13548] Re: Lightweight backpacking  
Message-ID: <358D24B6.1E2BD5FA@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi All:

The backpacking comments of Joe, AB7TT, Jerry, WA6WOR and Steve, N0TU are right on the money. My experiences in backpacking and bicycle touring have proven it so!

"Light-Comfort Is Right" was and is my motto. After all, you have to carry everything uphill (including backpack, bicycle and bags). My only regret was having a Wilson 1402 with a half-wave collapsible whip, HW-8 and keyer instead of one of today's handhelds and 38 Specials. I would have saved several pounds and that would've added to the enjoyment.

Everybody have a nice Field Day.

--

73s, CUL, Earl, K6ESM

North Hills Radio Club, the BEST amateur radio club in the world!!!  
<http://www.k6is.org>

The value of advice is in its use, not in its giving.

-----  
Date: Sun, 21 Jun 1998 08:31:30 -0700  
From: "D.K. Philbin" <dphilbin@thegrid.net>  
To: qrp-1@Lehigh.EDU  
Subject: [13549] On line interactive experiment  
Message-ID: <3.0.5.32.19980621083130.007d8400@mail.thegrid.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dear Qrp experimenters;

Check out Hewlett Packard's Educators corner at  
<http://www.tmo.hp.com/tmo/iia/edcorner/English/index.html>

move half way down the page to their interactive experiment. You download the experiment to a temp directory and it runs great!

Enjoy,

D.K. Philbin KD6TK

-----  
Date: Sun, 21 Jun 1998 12:11:06 -0400  
From: Wayne Montague <montaw@tdbank.ca>  
To: qrp-1@Lehigh.EDU  
Subject: [13550] Re 2N3055 Assist  
Message-ID: <358D309A.5462@tdbank.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks to all -

Hmmmmmm.... I could of sworn there was such a thing as as a 2N3055 with an internal IGFET driver. If I run into it, I'll report.

Anyway, upon inspection of the PS, one of the pass transistors had an E to C resistance of 20 ohms. I replaced it and all is well.

As to why it went - beats me. The PS was sitting for 9 mos or so. It was working well last time I used it, and I fired it up under no load. Just before I connected it to the FRG/100 I decided to measure the output. 23 volts. I almost had a fried Frog.

And yes, before it goes back into service I'm going to drop in an SCR overvoltage crowbar. This one was too close for my liking!

Thanks again for the support

Wayne

-----  
Date: Sun, 21 Jun 1998 12:27:17 EDT  
From: K2UD@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [13551] Tins  
Message-ID: <e04538d0.358d3466@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

OK dads, how many of you were truly remembered by your kids this Father's Day? Here's what I got:

A Russel Stover Looney Tunes tin. With candy, stickers and a Warner Brothers figure inside. The son gets the goodies inside, the frequency counter will move into this for its new home.

Whitman's Sampler, a classic. Goodbye chocolates, hello TiCK Keyer!

The best for last, a Russel Stover Barbie tin with candy, stickers and a Barbie stamp pad (collect all 8). My Tixie is going to relocate from its Band-Aid box to this luxury condo! The battery will even squeeze in. Oh yes, lucky daughter got the original contents. The tin is a pretty pink checkerboard design with a picture of two racially correct Barbies. And like the tin describes, "Surprise Inside." Yes, it will be a surprise to all who open it and find an 80M QRPP XCVR.

There's still time, they're not gone! You can probably get them at sale price now.

72 all,

Howard K2UD

-----  
Date: Sun, 21 Jun 1998 12:05:00  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@Lehigh.EDU  
Subject: [13552] Why not 24 Volts?  
Message-ID: <3.0.3.16.19980621120500.22c74cec@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Why not 24 Volts, indeed?

Seems the 13.8 volt, fully charged, automotive electrical system has become the defacto standard for powering our solid state stuff. Indeed, this is a good practical standard, however, as was pointed out earlier, power mosfets and many RF power transistors work better at 24 volts.

There is a solution. One is to use two 12 volt batteries, but this adds extra weight, bulk and complicates charging. One could build a 24 volts power supply, but this is only good when AC power is available.

So, the most practical solution is to use a switching regulator to boost a standard 12 volt supply up to 24 volts to run the RF power amp. These are reasonably effecent, upwards of 80 % and only need to be turned on when you are transmitting. This saves power and reduces noise from the switcher durring recieve.

As it happens, Embeded Research has such a device for a little more than 30 dollars. It uses surface mount parts and is fairly small and looks easy enough to build. They designed it to step 3 or 6 volts up to 12 so you can run a rig on a couple of D cells, but with minor modifications, I'm sure it could be used to step up 6 or 12 volts to 24 to run the RF power amp.

Something to think about....now I wish I had bought one at Dayton....

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Sun, 21 Jun 1998 12:01:34 -0500  
From: "Terry Bassett" <mutabut@net66.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [13553] White Mountain SSB Radio?  
Message-ID: <000301bd9d36\$4211cea0\$89538bce@host.net66.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang

        Could someone please tell me who makes the White Mountain SSB Radio Kit?  
I did a Yahoo search and got basically zilch...

73,

Terry KA9TXE

-----  
Date: Sun, 21 Jun 1998 12:59:48 -0400 (EDT)  
From: hsilver@pyx.net  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [13554] Re: 73 mag articles  
Message-ID: <Pine.LNX.3.95.980621125745.28576C-1000000@matrix.pyx.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Jun 1998, Harley L. Miller wrote:

> A few months ago, some kind soul on the list provided me with copies of  
> the 73 magazine articles for building capacitor and inductor meters,  
> using IC chips. These copies were lost in a house fire before I could  
> get them built. I would gladly pay for copy and mailing costs if someone  
> would help me out on this.  
>  
> Harley L. Miller        hmilller@sound.net  
> WB0ROQ        QRP-L #373

You may have likely already thought of this, but perhaps the insurance would cover replacements of these magazines or contacting 73 magazine itself might induce them to help with the loss. I hope no one was injured and all is now well.

Regards,

Harley Silver

-----  
Date: Sat, 20 Jun 1998 12:58:57 -0700  
From: Jerry ODell <jwodell@mpdr0.detroit.mi.ameritech.net>  
To: qrp-l@Lehigh.EDU  
Subject: [13555] Noise Bridges  
Message-ID: <358C1481.5E1E29D1@mailhost.det.ameritech.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone had experience with noise bridges? Never had one. I can (1) build out out of the handbook; that one looks like lots of trouble.  
(2) get a Palomar for \$99; or, of course, MFJ makes one for \$59, I think.

All opinions appreciated. I just need to get a good match on a tricky antenna.

73 jerry w8gnd

-----  
Date: Sun, 21 Jun 1998 12:02:22 -0600  
From: Mike - W0TMW <crucis@sky.net>  
To: K2UD@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [13556] Re: Tins  
Message-ID: <358D3C9E.2C10BE78@sky.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My Father's Day present was a Hallmark 1.5"x3"x4" tin--little big for my KnightSmite, but I'm not gonna quibble! Wife picked it up at a garage sale.

Mike - W0TM

K2UD@aol.com wrote:

>  
> OK dads, how many of you were truly remembered by your kids this Father's Day?  
> Here's what I got:  
>  
> A Russel Stover Looney Tunes tin. With candy, stickers and a Warner  
> Brothers figure inside. The son gets the goodies inside, the frequency  
> counter will move into this for its new home.  
>  
> Whitman's Sampler, a classic. Goodbye chocolates, hello TiCK Keyer!  
>  
> The best for last, a Russel Stover Barbie tin with candy, stickers and a  
> Barbie stamp pad (collect all 8). My Tixie is going to relocate from its  
> Band-Aid box to this luxury condo! The battery will even squeeze in. Oh yes,  
> lucky daughter got the original contents. The tin is a pretty pink  
> checkerboard design with a picture of two racially correct Barbies. And like  
> the tin describes, "Surprise Inside." Yes, it will be a surprise to all who  
> open it and find an 80M QRPp XCVR.  
>  
> There's still time, they're not gone! You can probably get them at sale price  
> now.  
>  
> 72 all,  
>  
> Howard K2UD

--

=====  
Mike Watson, W0TMW                      QCWA Mbr # 28651, Chap. 35  
Raymore, MO USA                      Grid: EM28st ARCI# 9647  
<http://www.sky.net/~crucis>  
E-mail: [crucis@sky.net](mailto:crucis@sky.net)              ARS# 352, QRP-L# 1489  
=====

-----  
  
Date: Sun, 21 Jun 1998 12:19:53 -0500  
From: [ac5ez@webtv.net](mailto:ac5ez@webtv.net) (Larry B)  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [13557] Hw 8 mods  
Message-ID: <199806211719.KAA18894@mailtod-122.bryant.webtv.net>  
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII  
Content-Transfer-Encoding: 7BIT  
MIME-Version: 1.0 (WebTV)

I have the following mod info for the Hw 8  
Cq-Oct-1977 rit and loud speaker mod  
Cq-Jan - 1981 Hw8 Rit P.C.Board clarifications  
Cq-Oct-1982 Hw8 mods revisited, CWF -3 audio Filter  
Cq-May-1981 Add a speaker/amplifier to your Hw8  
Just cleaning out some files. If anyone wants this info send me an sase  
and its yours.

Larry Ac5ez  
Qcwa

-----  
  
Date: Mon, 22 Jun 1998 01:20:37 -0400  
From: cy r currier <[crc3@telplus.net](mailto:crc3@telplus.net)>  
To: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>, "'mutabut@net66.com'"  
<[mutabut@net66.com](mailto:mutabut@net66.com)>  
Subject: [13558] RE: White Mountain SSB Radio?  
Message-ID: <01BD9D7B.F9C4BB80@bgr46.lobster.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

dave benson at small wonders lab

-----  
From: Terry Bassett  
Sent: Sunday, June 21, 1998 1:01 PM

To: Low Power Amateur Radio Discussion  
Subject: White Mountain SSB Radio?

Gang

Could someone please tell me who makes the White Mountain SSB Radio Kit?  
I did a Yahoo search and got basically zilch...

73,

Terry KA9TXE

-----  
Date: Sun, 21 Jun 1998 11:45:16 -0600 (MDT)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: RangerSF5@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [13559] Re: info on book by Paul NA5N  
Message-ID: <Pine.SOL.3.91.980621112457.400A-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 20 Jun 1998 RangerSF5@aol.com wrote:

> Hi Gang,  
> Anyone know where I can pick up a book that was written up by Paul, NA5N?  
> The name was \*Data book for homebrewers and QRPer's.  
> I understand there is a four part series written up on the MFJ rigs in the  
> book  
> The cost is \$20.00 and I have tried all over the web but found nothing  
> on that book

The Data Book is available from:  
HB Electronics, Bob Berlyn (hb\_elec@ids.net)  
Kanga U.S., Bill Kelsey (kanga@bright.net)  
G-QRP Club, Rev. George Dobbs (g3rjv@gqrp.demon.co.uk)  
or from: Quicksilver Printing  
P.O. Box 757  
Socorro, NM 87801

The cost is \$20 +\$2.50 shipping, although you might check with the  
above to see if any specials are in effect (I just don't know).



For those not familiar with the Data Book, it is a 288 page, wire spiral bound 5.5x8.5 book that begins with a chapter on circuit analysis on QRP rigs (MFJ, NC40, NN1G etc.), with the bulk of the book data sheets on discrete components (capacitors, switches, diodes, connectors, etc.) and specific I.C.'s in common use (LM386, NE602, etc.) and other info (drill sizes, dBm/power charts, etc.)

72, Paul NA5N

-----  
Date: Sun, 21 Jun 1998 12:50:26 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: mutabut@net66.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [13560] Re: White Mountain SSB Radio?  
Message-ID: <358D47E2.A2D5395F@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Terry Bassett wrote:

>  
> Gang  
>  
> Could someone please tell me who makes the White Mountain SSB Radio Kit?  
> I did a Yahoo search and got basically zilch...

<http://www.fix.net/~jparker/sml.html>

-----  
Date: Sun, 21 Jun 1998 17:53:59 +0000  
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>  
To: qrp-l@Lehigh.EDU  
Subject: [13561] AA1MY in Fullerton, CA area 25th thru 7/5  
Message-ID: <19980621175359.NCYS13513@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

If I can finish it, I'll be bringing a new WM20 on the trip to visit my sons out LA way and would like to make some contacts with it. Pls advise if you'd like to sched.

73 -s-

Seab Lyon, AA1MY, Beacon, NY, USA  
ARRL; QCWA; ACRI# 9253; QRP-L#574;  
NEQRP# 511; Pres., C.A.R.A.:  
<http://www.danbury.org/org/cara/>

-----  
Date: Sun, 21 Jun 1998 13:00:46 -0500  
From: "Terry Bassett" <mutabut@net66.com>  
To: <Qrp-1@Lehigh.EDU>  
Subject: [13562] Tnx fer help on White Mountain Question  
Message-ID: <003201bd9d3e\$86539640\$87538bce@host.net66.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

Many thanks to all who replied...Dave Benson, NN1G, now I know it will be first class stuff. I built a SW 40+. Great support and works good once I did my part right...

Once again, thanks.

73,

Terry, KA9TXE

-----  
Date: Sun, 21 Jun 1998 14:06:35  
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [13563] Help with Source for Unitrode 3906  
Message-ID: <3.0.3.16.19980621140635.3d9fbf06@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Just did a stupid thing (00PS!) and blew out the UC3906 in my gel cell charger.

Where can I get one? Digikey does not carry them. Any suggestions?

Thanks  
Gary

=====  
72/73 de W2UX  
Gary McCaughey  
Lexington, SC  
CW is the REAL THING!  
Use it....or lose it.  
QRP-ARCI QRP-L CQC  
=====

-----  
Date: Sun, 21 Jun 1998 11:27:31 -0400  
From: wb8ygg@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [13564] Re: Why not 3V?  
Message-ID: <19980621.152911.11102.0.wb8ygg@juno.com>

I would rather see 6V.

The 6V Gell cells are everywhere.  
Nobody wants them, so they are cheap.  
Why not start a fad.  
73  
Brad WB8YGG

Embedded Research  
Brad WB8YGG/Gary N2JGU  
<http://www.frontiernet.net/~embres>  
[embres@frontiernet.net](mailto:embres@frontiernet.net)

-----  
You don't need to buy Internet access to use free Internet e-mail.  
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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 21 Jun 1998 11:40:03 -0400  
From: wb8ygg@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [13565] Re: Light weight backpacking

Message-ID: <19980621.152911.11102.1.wb8ygg@juno.com>

Hi all,  
I've been wanting to do this for several years now, and in fact have wanted to do FD by backpacking.

My plans would be to use the RG-174 cable for any dipoles, probably 80 and or 40.  
I've used 100 ft on 40 with 1W, making contact after contact!  
I'm not sure that the Sierra would be warranted, but it would be a nice rig for the receive current drain, but then other rigs have this too.

Making a single band 5W rig would be great. Maybe 80 meters for us lucky east coast guys.  
(Sorry to Roy , W7EL)  
Speaking of Roy, I don't think he bubble packs his rigs!

Gell cells, you bet, Solar, yes, but haven't figured out how to carry this the best yet.  
They do sell panels that have a molded case that folds up, but then it's still big to back.  
Gary, N2JGU bought one one time, we'll have to see if it fits in a pack.

Then how do we get the case of 807's? that is the biggest problem to overcome.. but then maybe it's just psychological. Maybe it's really not a FD requirement? I'll check the rules and get back to the list..

73 Brad WB8YGG

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Sun, 21 Jun 1998 14:41:51 -0500 (CDT)  
From: Dale Botkin <dbotkin@probe.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [13566] Re: Why not 3V?  
Message-ID: <Pine.BSI.3.96.980621144045.23330B-100000@elwood.probe.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Jun 1998 wb8ygg@juno.com wrote:

> I would rather see 6V.  
>  
> The 6V Gell cells are everywhere.  
> Nobody wants them, so they are cheap.  
> Why not start a fad.

Not to mention flat little batteries from Polaroid film packs, and a really easy drop to 5V logic levels...

Dale

--... ..-... . -. ----- -...- .- ...

Dale Botkin, n0xas

Omaha, NE

Email: dbotkin@probe.net

"You can't expect to wield supreme executive power just because  
some watery tart threw a sword at you!"  
-- Monty Python & the Holy Grail

-----  
Date: Sun, 21 Jun 1998 16:18:50 -0400  
From: Harry Bump <bump@redrose.net>  
To: "'QRP-L list'" <qrp-l@Lehigh.EDU>  
Subject: [13567] RE: Tins  
Message-ID: <01BD9D30.8DEC3320@lebp1-21.desupernet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

OK Guys,

My Father's Day gift was a Hershey Chocolates lunchbox size and style =  
tin. I had help in emptying it, and after I take lunch to work once =  
with it, will be building again! Looks just right for a 'built-in' =  
transceiver with room for battery and maybe accessories.

73, Harry, KM3D

-----

Date: Mon, 22 Jun 1998 03:29:45 +0700 (JAVT)  
From: Adnan Basalamah <adnan@xxx.itb.ac.id>  
To: qrp-1@Lehigh.EDU  
Subject: [13568] Input & Output Impedance  
Message-ID: <Pine.BSI.3.96.980622032726.15831B-100000@xxx.itb.ac.id>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, anybody know the input & output impedance of this transistor  
at 144 Mhz ?

2SC2053  
2SC1970  
2SC1971

I will appreciate any help

-adnan-  
<http://xxx.itb.ac.id/~adnan>

-----  
Date: Sun, 21 Jun 1998 21:58:40 +0100  
From: John Anthony Reynolds <D2250077@infotrade.co.uk>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [13569] Russian Prefix's Asian  
Message-ID: <01BD9D5F.DF8792E0@usr459.infotrade.co.uk>

Hi Guy's  
here as requested are the Asian call areas

9A,9B Cheljabinsk OBL  
9C,9D Sverdlovsk OBL  
9F Perm OBL  
9G Komi - Permjatsk AO  
9H Tomsk OBL  
9J Chanty - Mansijsk AO  
9K Yamalo - Nenetsk AO  
9L,9E Tumensk OBL  
9M Omsk OBL  
9O Novosibirsk OBL  
9Q,9R Kurgan OBL  
9S Orenburg OBL

9U Kemerov OBL  
9W Bashkorstan Rep  
9X Komi Rep  
9Y Alta  
9Z Gorno - Altajskiy AO

0A Kranojarsk KR  
0B Tavmyrsk AO  
0C Chabarovsk KR  
0D Evrejsk AO  
0F Sachalinsk OBL  
0H Ewenkijsk AO  
0I Magadan OBL  
0J Amursk OBL  
0K Chukotka  
0L Primorsk KR  
0O Burjat Rep  
0Q Sacha Rep  
0S Irkutsk OBL  
0U Chitinsk OBL  
0W Chakassija Rep  
0X Karjask AO  
0Y Tuva Rep  
0Z Kamchatka

72 es 73 de John Reynolds G3PTO  
G QRP Club No. 595  
Chipping Sodbury, South Gloucestershire  
reply email: g3pto@qsl.net  
Web Page: <http://www.qsl.net/g3pto/index.html>

-----  
Date: Sun, 21 Jun 1998 14:27:11 -0700  
From: Dave Willey <dave@cds1.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [13570] Proper Float / Charging Voltages  
Message-ID: <358D7AAF.4992@cds1.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Everyone,

Does anyone know what the proper float & slow charging

voltages for the 12V 7A "Yuasa / Rocket" brand sealed batteries was suppose to be? (Current is less than 400ma at any time.)

I'm building up a folding solar panel for portable use. Fits right into the bottom of my QRP equipment gear bag. The panel can provide up to 20V w/o a load, and 320ma with the leads shorted together. Aprox. 3/4 of a watt or so.

Hope to have it done for the next NORCAL meeting in July.

Someone else from this list clued me into a float charger from Harbor Freight on sale for \$8. Wall-wort producing 15VAC @ 600ma into a small "black box" controller. I took the box apart (I ALWAYS take things apart to see how thay do their stuff) and found I can cut off the wall-wart and just use the charge cube & bypass the four diode bridge inside. Just drive it direct from the panel. Neat thing is that there is a 1 turn pot that I think will allow me to set the final float output voltage to the battery.

Just need to find out the proper float / slow charge voltage is suppose to be.

Thanks in advance for any help.

--

IF there indeed are other parallel universes... I can now rest in the knowledge, that in at least one of them, I am filthy rich and drive a red Ferrari.

--

To send a reply please remove "NOJUNKMAIL" from the return address, and replace "AT" with "@"

Dave Willey

e-mail:	dave AT cds1.net
amateur e-mail:	kd6kwm AT cds1.net
amateur packet:	KD6KWM@KD6KWM.#NCA.CA.USA.NOAM

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QRP-L #1567

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Date: Sun, 21 Jun 1998 17:46:49 -0400 (EDT)  
From: Robert Parks <rob3ert@vegas.infi.net>



To: qrp-1@Lehigh.EDU  
Subject: [13571] FS--HB--Capacitors  
Message-ID: <199806212146.RAA25328@fh102.infi.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

After my latest "acquisition", from John Andrews, I find that I have enough capacitors for several lifetimes. Therefore, for anyone interested, for \$2.00 including shipping, CONUS, I will send the following collection of capacitors:

- (20) 10 pfd. dipped silver mica
- ( 5) 240 pfd. molded (silver??) mica
- (10) .0015 mfd. mylar
- ( 5) .0022 mfd. (3kv) disc
- ( 5) .0068 mfd. mylar
- ( 5) .022 mfd. mylar
- ( 5) .047 mfd. ceramic
- (10) .22 mfd. ceramic
- (10) .22 mfd. ceramic (axial lead)
- ( 5) 33 mfd.-15v "bullet caps" (tantalum??)

That's 80 caps for \$2.00, including shipping. I haven't counted, but it looks like I have enough for at least a dozen of these "sets". These are all long-lead NOS (New Old Stock) units.

Send me a direct e-mail, if interested.

72/73

Bob Parks  
K6AEC (Las Vegas)

-----  
Date: Sun, 21 Jun 1998 18:07:06 EDT  
From: Ab7wy@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [13572] Re: stright key  
Message-ID: <a99b6a43.358d840b@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

hi jim, i checked with Neal Mcewen, K5RW (the key expert). and he told me your key is the "ubiquitous navy flameproof key" many makers made them for the navy during WW II. the contacts are enclosed so they would not ignite fires. he goes on to add that these keys, and the army J-38, are the most commonly found keys at flea markets....i hope this info helped you out. he sure helped me i.d. my late 20's speed-x bug. if anyone has a key or bug they would like to i.d., you can contact Neal at fohnix.metronet.com and fill out the electronic form there. be sure to have your key or bug handy and be as descriptive as possible. 72 Adam,AB7WY

-----  
Date: Sun, 21 Jun 1998 16:11:16 -0600  
From: Niel Skousen <skousen@srv.net>  
To: qrp-1@Lehigh.EDU  
Subject: [13573] Re: Why not 3V?  
Message-ID: <v04003a00b1b3353de74b@[205.180.127.44]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I've also had my eye on the 6v li camera batt's for something like a modified SST.....

Niel

>I would rather see 6V.  
>  
>The 6V Gell cells are everywhere.  
>Nobody wants them, so they are cheap.  
>Why not start a fad.  
>73  
>Brad WB8YGG  
>  
>Embedded Research  
>Brad WB8YGG/Gary N2JGU  
><http://www.frontiernet.net/~embres>  
>[embres@frontiernet.net](mailto:embres@frontiernet.net)  
>  
>  
>

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>You don't need to buy Internet access to use free Internet e-mail.  
>Get completely free e-mail from Juno at <http://www.juno.com>  
>Or call Juno at (800) 654-JUNO [654-5866]

-----  
Niel Skousen : WA7SSA skousen@srv.net

Idaho Falls, ID        QRP-L.119        fr   DN33wm

-----  
Date: Sun, 21 Jun 1998 15:12:57 -0700  
From: Keith Martin <bmartin@cccosmo.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [13574] QRP Rig Wanted.  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Disposition: inline

Low Power Amateur Radio Discussion:

>Gang,

>

>After my latest "acquisition", from John Andrews, I find that I have >enough  
>capacitors for several lifetimes. Therefore, for anyone interested, for  
>\$2.00 including shipping, CONUS, I will send the following collection of  
>capacitors:

>

>        (20)    10 pfd. dipped silver mica  
>        ( 5)    240 pfd. molded (silver??) mica  
>        (10)    .0015 mfd. mylar  
>        ( 5)    .0022 mfd. (3kv) disc  
>        ( 5)    .0068 mfd. mylar  
>        ( 5)    .022 mfd.    mylar  
>        ( 5)    .047 mfd. ceramic  
>        (10)    .22    mfd. ceramic  
>        (10)    .22    mfd. ceramic (axial lead)  
>        ( 5)    33    mfd.-15v "bullet caps" (tantalum??)

>

>That's 80 caps for \$2.00, including shipping. I haven't counted, but it  
>looks like I have enough for at least a dozen of these "sets". These are >all  
>long-lead NOS (New Old Stock) units.

>

Does anyone have a qrp rig for sale. This will be my first qrp rig and I plan to  
use it while packpacking in the High Sierras. Thanks, Keith

-----  
Date: Sun, 21 Jun 1998 15:19:49 -0700  
From: Keith Martin <bmartin@cccosmo.net>  
To: <qrp-l@Lehigh.EDU>

Subject: [13575] QRP Rig Wanted  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Content-ID: <32643.898467589.646071.11308@>  
Content-Disposition: inline

Does anyone have a qrp rig for sale? This will be my first qrp rig and I plan to use it packpacking in the High Sierrras. Thanks, Keith

-----  
Date: Sun, 21 Jun 1998 18:32:25 -0400 (EDT)  
From: Robert Parks <rob3ert@vegas.infi.net>  
To: qrp-l@Lehigh.EDU  
Subject: [13576] FS  
Message-ID: <199806212232.SAA26344@fh102.infi.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

With the completion of my HB Sierra, and in the spirit of cleaning out the shack (which will please the XYL!), I am offering the following items for sale:

LDG QRP Antenna Tuner Kit, as received, untouched, with case	- \$100.00
ZM-1 Antenna Tuner kit, as received, untouched, with case (This is the previous model Without SWR circuitry)	- \$ 42.00
GM-10 Ten Meter QRP Xcvr Kit, as received, untouched, NO case	- \$ 45.00
Tejas 92150 Active Audio Filter Kit, untouched, with case	- \$ 18.00
Book - Build Your Own Intelligent Amateur Radio Transceiver (Like new)	- \$ 18.00

The above prices INCLUDE shipping, CONUS.

If interested in any item(s), please contact me directly, not through QRP-L.

72/73

Bob Parks  
K6AEC (Las Vegas)

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Date: Sun, 21 Jun 1998 18:47:29 -0400 (EDT)  
From: Robert Parks <rob3ert@vegas.infi.net>  
To: qrp-l@Lehigh.EDU  
Subject: [13577] FS items  
Message-ID: <199806212247.SAA02993@fh102.infi.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The Gm-10 is spoken for.

Thanks, gang.

72/73

Bob Parks K6AEC

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End of QRP-L Digest 1129

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